

Claims

- [c1] 1. A method for manufacturing garments having a vintage appearance, said method comprising:
forming a plurality of panels of fabric of a garment;
printing a pattern using a chemical on at least one panel of fabric, the chemical being utilized to produce the garment with the vintage appearance; and
constructing the garment utilizing the plurality of panels, the plurality of panels including the at least one chemical printed panel.
- [c2] 2. The method according to claim 1, wherein the garment includes at least one of the following: pants, shirt, and jacket.
- [c3] 3. The method according to claim 1, wherein the chemical includes a color remover.
- [c4] 4. The method according to claim 1, wherein the chemical includes a color remover inhibitor.
- [c5] 5. The method according to claim 1, wherein the chemical includes a color penetration inhibitor.
- [c6] 6. The method according to claim 1, wherein said printing is performed on an individual panel basis.
- [c7] 7. The method according to claim 1, wherein the plurality of panels of fabric are pre-dyed.
- [c8] 8. The method according to claim 1, wherein the vintage appearance includes at least one of the following: faded, weathered, used, worn, and whiskered.
- [c9] 9. The method according to claim 1, wherein the chemical includes at least one of the plurality of chemicals operable to produce a reaction to remove color from the fabric.
- [c10] 10. The method according to claim 1, further comprising post-processing the constructed garment to alter the fabric.

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- [c11] 11. The method according to claim 8, wherein said post-processing includes at least one of sanding and washing the fabric.
- [c12] 12. The method according to claim 1, further comprising producing at least one screen utilized by said printing of the chemical.
- [c13] 13. The method according to claim 1, further comprising designing a graphical representation of the vintage garment.
- [c14] 14. The method according to claim 1, further comprising heating the at least one panel having the chemical printed thereon to induce a chemical reaction.
- [c15] 15. A system for manufacturing garments having a vintage appearance, said system comprising:
means for forming a plurality of panels of fabric of a garment;
means for printing a pattern using a chemical on at least one of the panels of fabric, the chemical being utilized to produce the garment with the vintage appearance; and
means for constructing the garments utilizing the plurality of panels, the plurality of panels including the at least one chemically printed panel.
- [c16] 16. The method according to claim 13, further comprising means for postthe constructed garment to alter the fabric.
- [c17] 17. The method according to claim 13, further comprising means for designing a graphical representation of the vintage garment.
- [c18] 18. A method for manufacturing a garment having a used appearance, said method comprising:
receiving a garment panel prior to being assembled into the garment;
printing a chemical in a predetermined pattern on the garment panel, the chemical operable to alter coloration of the garment panel; and
assembling the garment with at least one printed garment panel.
- [c19] 19. The method according to claim 18, wherein the chemical includes a color remover.

- [c20] 20. The method according to claim 18, wherein the chemical includes a color remover inhibitor.
- [c21] 21. The method according to claim 18, wherein the chemical includes a color penetration inhibitor.
- [c22] 22. The method according to claim 18, wherein the used appearance includes at least one of the following: fading, weathering, wearing, and whiskering.
- [c23] 23. The method according to claim 18, wherein the chemical includes at least one of a plurality of chemicals operable to produce a reaction to remove color from the garment panel.
- [c24] 24. The method according to claim 18, further comprising utilizing a post-printing process on the garment to alter the coloration of the garment panel.
- [c25] 25. The method according to claim 18, further comprising receiving a graphical design of the used appearance to substantially replicate in said printing.
- [c26] 26. A system for manufacturing a garment having a used appearance, said method comprising:
means for receiving a garment panel prior to being assembled into the garment;
means for printing a chemical in a predetermined pattern on the garment panel,
the chemical operable to alter coloration of the garment panel; and
means for assembling the garment with at least one printed garment panel.
- [c27] 27. A system for producing a garment having a used appearance, said system comprising:
a printing press configured to print a chemical on fabric to produce a predetermined pattern indicative of the used appearance.
- [c28] 28. The system according to claim 27, wherein said printing press utilizes a plate to print the chemical.
- [c29] 29. The system according to claim 27, wherein said printing press utilizes a roller to print the chemical.
- [c30] 30. The system according to claim 27, wherein said printing press utilizes a

screen to print the chemical.

- [c31] 31. The system according to claim 27, wherein the chemical includes a color remover.
- [c32] 32. The system according to claim 27, wherein the chemical includes at least one of a color remover inhibitor and color penetration inhibitor.
- [c33] 33. The system according to claim 27, further comprising a heat producer operable to cure the chemical.
- [c34] 34. The system according to claim 27, further comprising a washing machine operable to rinse the chemical from the fabric.
- [c35] 35. A method for procuring garments having a used appearance, said method comprising:
generating a graphical representation illustrative of at least one panel of a garment having the used appearance;
providing the graphical representation to a manufacturer of garments for producing the garment defined by the graphical representation using a chemical printing process; and
tendering payment for production of the garment.
- [c36] 36. The method according to claim 35, wherein the chemical printing process includes screen printing.
- [c37] 37. The method according to claim 35, wherein the chemical printing process includes pressing.
- [c38] 38. The method according to claim 35, wherein the chemical printing process includes rolling.
- [c39] 39. The method according to claim 35, wherein the chemical printing process includes screen printing.
- [c40] 40. The method according to claim 35, wherein the graphical representation is stored on at least one of an electronic and non-electronic medium.

- [c41] 41. The method according to claim 35, wherein the garment includes at least one of the following: pants, shirt, jacket, hat, and socks.
- [c42] 42. The method according to claim 35, wherein the graphical representation is at least one of a positive and negative representation.
- [c43] 43. The method according to claim 35, wherein said generating includes at least one of the following: drawing, photographing, and illustrating.
- [c44] 44. The method according to claim 35, further comprising distributing the vintage garments.
- [c45] 45. The method according to claim 35, wherein the graphical representation is operable to be utilized for multiple sizes of the vintage garment.
- [c46] 46. A system for procuring garments having a used appearance, said system comprising:
means for generating a graphical representation illustrative of at least one panel of a garment having a used appearance;
means for providing the graphical representation to a manufacturer of garments for producing the garment defined by the graphical representation using a chemical printing process; and
means for tendering payment for production of the garment.
- [c47] 47. A method for designing a vintage garment, said method comprising:
generating a graphical representation of at least one panel of a garment having a used appearance, the graphical representation having dimensions operable to be utilized in producing at least one garment size by the graphical representation, and a derivative of the graphical representation being utilized on a printer to print a chemical on the at least one panel of the garment.
- [c48] 48. The method according to claim 47, wherein the graphical representation is stored on an electronic or non-electronic medium.
- [c49] 49. The method according to claim 47, wherein the graphical representation is produced by a photograph for an existing garment.

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- [c50] 50. The method according to claim 47, wherein the generating of the graphical representation includes producing at least one of a positive or negative representation of the used appearance.
- [c51] 51. The method according to claim 37, wherein the used appearance includes at least one of the following characteristics: worn, faded, weathered, creased, and whiskered.
- [c52] 52. A system for designing a vintage garment, said system comprising:
means for generating a graphical representation of at least one panel of a garment having a vintage appearance, the graphical representation having dimensions operable to be utilized in producing at least one garment size by the graphical representation, and a derivative of the graphical representation being utilized on a printer to print a chemical on the at least one panel of the garment; and
means for outputting the graphical representation onto a tangible medium.
- [c53] 53. A system for procuring a vintage garment, said system comprising:
a computing system including a processor coupled to a storage device, the computing system further coupled to a control device and display, the processor executing software operable by an operator utilizing the control device and display to generate a graphical representation of at least one panel of a garment having a vintage appearance and print the graphical representation utilizing a printing process, the graphical representation being stored by the storage device.
- [c54] 54. The system according to claim 53, wherein the operator is a garment designer.
- [c55] 55. The system according to claim 53, wherein the control device is a computer mouse.
- [c56] 56. The system according to claim 53, further comprising an input device coupled to said computer system.
- [c57] 57. The system according to claim 56, wherein a said input device includes at

least one of a digital camera and a scanner.

- [c58] 58. The system according to claim 53, wherein said computing system is coupled to a network for communicating the graphical representation to a second computing system operating on the network.
- [c59] 59. The system according to claim 58, wherein the network is the Internet.
- [c60] 60. The system according to claim 53, further comprising a database located on the storage device for storing the graphical representation.
- [c61] 61. A method for manufacturing fabric having a vintage appearance, said method comprising:
forming an element having a pattern of the vintage appearance, the element operable to be utilized in a printing process; and
printing a chemical on the fabric utilizing the element, the chemical being utilized to produce the fabric with the vintage appearance.
- [c62] 62. The method according to claim 61, wherein the element includes at least one of a plate and roller.
- [c63] 63. The method according to claim 61, wherein the element is a screen.
- [c64] 64. The method according to claim 61, further comprising forming the fabric having the vintage appearance into a garment.
- [c65] 65. The method according to claim 61, wherein the chemical includes at least one of the following: a color remover, color remover inhibitor, and color penetration inhibitor.
- [c66] 66. The method according to claim 61, wherein the printing process is a continuous printing process.
- [c67] 67. The method according to claim 61, further comprising cutting the fabric.
- [c68] 68. The method according to claim 67, further comprising printing and aligning registration marks.
- [c69] 69. A fabric formed by a method comprising:

forming an element having a pattern of the vintage appearance, the element operable to be utilized in a printing process; and
printing a chemical on the fabric utilizing the element, the chemical being utilized to produce the fabric with the vintage appearance.

[c70] 70. The method according to claim 69, wherein the element includes at least one of a plate and roller.

[c71] 71. The method according to claim 69, wherein the element is a screen.

[c72] 72. The fabric according to claim 69, wherein the fabric includes a plurality of patterns having a vintage appearance being substantially the same.

[c73] 73. A garment formed by a method comprising:
forming an element having a pattern of the vintage appearance, the element operable to be utilized in a printing process;
printing a chemical on the fabric utilizing the element, the chemical being utilized to produce the fabric with the vintage appearance;
cutting the fabric to form at least one panel; and
coupling the at least one panel.

[c74] 74. The method according to claim 73, wherein the element includes at least one of a plate and roller.

[c75] 75. The method according to claim 73, wherein the element is a screen.

[c76] 76. The garment according to claim 73, further comprising:
printing at least one registration mark indicative of alignment locations.

[c77]